



.025" SQ SOCKET STRIPS SSM SERIES

Mates with:
TSW, MTSW, LCW, TST,
TSS, ZST, ZSS, DW, EW,
ZW, TIW, ISM, BH3

Features:

- High quality double beam contacts insure performance
- Can be terminated in four styles, depending on your application: standard vertical profiles, and a choice of two horizontal profiles

Specifications:

SSM
HI-TEMP

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Phosphor Bronze

Current Rating:
1 A

Operating Temp Range:
-65°C to +125°C with Gold
-65°C to +105°C with Tin

Max Processing Temp:
230°C for 60 seconds

Plating: Au, PdNi or Sn over 50µ" (1,27µm) Ni

SMT Lead Coplanarity:
Less than 28 positions
.006" (0,15mm) max
More than 27 positions
.008" (0,20mm) max

Contact Resistance:
10 mΩ max

Insertion Depth:
SV/DV is .140" (3,56mm) to .290" (7,37mm) SH/DH is .140" (3,56mm) to .230" (5,84mm)

Insertion Force:
5oz (1,39N) average

Normal Force:
125 grams (1,21N) average

Withdrawal Force:
2oz (0,56N) average

Impedance:
50Ω (system @ 50Ω)

Propagation Delay:
89.8pS @ 100pS

Cross Talk:
-20.5 dB G/S/S/G @ 1.0 GHz

Note: Some lengths, styles and options are non-standard, non-returnable.

SSM - **1** **NO. PINS PER ROW**

02 thru 36

APPLICATION SPECIFIC OPTION

Locking clips available. Call Samtec

PLATING OPTION

-S
= 30µ" (0,76µm) Gold on contact, 150µ" (3,81µm) Tin on tail

-L
= 10µ" (0,25µm) Gold on contact, 150µ" (3,81µm) Tin on tail

ROW OPTION

-TR
= Tape & Reel Packaging

-XX
= Polarized Position

-P
= Pick & Place Pad

OTHER OPTION

APPLICATION

Pass-Through

-SV
= Single Row Vertical Pin

-DV
= Double Row Vertical Pin

-SH
= Single Row Horizontal Pin

-DH
= Double Row Horizontal Pin

TAPE & REEL AVAILABILITY

No tooling charges. 125 piece minimum order. Order any quantity above minimum. In-house design, manufacture. Quick turn-around. Call Samtec for specifications and ordering information.

(-DV & -SV only)

PCB LAYOUTS

-DV

-SV

Row Option	A
-SH	(11,25) 443
-DH	(11,61) 465

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